Alexandra Chudnovsky

List of Publications by Year
in descending order

17 papers	**1,928** citations	686830 **13** h-index	887659 **17** g-index
17 all docs	**17** docs citations	**17** times ranked	**2839** citing authors

#	Article	IF	Citations
1	Exploring pathways linking greenspace to health: Theoretical and methodological guidance. Environmental Research, 2017, 158, 301-317.	3.7	1,384
2	A Novel Method of Classifying Soil Profiles in the Field using Optical Means. Soil Science Society of America Journal, 2008, 72, 1113-1123.	1.2	129
3	Spatiotemporal prediction of fine particulate matter using high-resolution satellite images in the Southeastern US 2003â€"2011. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 377-384.	1.8	78
4	Association between satellite-based estimates of long-term PM2.5 exposure and coronary artery disease. Environmental Research, 2016, 145, 9-17.	3.7	69
5	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. Environmental Research, 2017, 159, 16-23.	3.7	63
6	Satellite-based view of the aerosol spatial and temporal variability in the CÃ³rdoba region (Argentina) using over ten years of high-resolution data. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 145, 250-267.	4.9	27
7	Application of visible, near-infrared, and short-wave infrared (400â€"2500Ânm) reflectance spectroscopy in quantitatively assessing settled dust in the indoor environment. Case study in dwellings and office environments. Science of the Total Environment, 2008, 393, 198-213.	3.9	23
8	Estimating Pasture Quality of Fresh Vegetation Based on Spectral Slope of Mixed Data of Dry and Fresh Vegetationâ€"Method Development. Remote Sensing, 2015, 7, 8045-8066.	1.8	23
9	Residential greenness and increased physical activity in patients after coronary artery bypass graft surgery. European Journal of Preventive Cardiology, 2021, 28, 1184-1191.	0.8	23
10	Thermochemical hydrolysis of macroalgae Ulva for biorefinery: Taguchi robust design method. Scientific Reports, 2016, 6, 27761.	1.6	22
11	Spectral Slope as an Indicator of Pasture Quality. Remote Sensing, 2015, 7, 256-274.	1.8	17
12	Remote sensing metrics to assess exposure to residential greenness in epidemiological studies: A population case study from the Eastern Mediterranean. Environment International, 2021, 146, 106270.	4.8	17
13	Soil reflectance as a generic tool for assessing infiltration rate induced by structural crust for heterogeneous soils. European Journal of Soil Science, 2009, 60, 1038-1051.	1.8	16
14	Carbohydrate-based phenotyping of the green macroalga Ulva fasciata using near-infrared spectrometry: potential implications for marine biorefinery. Botanica Marina, 2017, 60, .	0.6	12
15	Studying Vegetation Salinity: From the Field View to a Satellite-Based Perspective. Remote Sensing, 2017, 9, 122.	1.8	12
16	Secular Changes in Atmospheric Turbidity over Iraq and a Possible Link to Military Activity. Remote Sensing, 2020, 12, 1526.	1.8	8
17	High Resolution WRF Simulations for the Telâ€"Aviv Metropolitan Area Reveal the Urban Fingerprint in the Seaâ€"Breeze Hodograph. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033691.	1.2	5